

ZONING, SITE-PLANNING & DESIGN MODULE 8

Handout 8.8

Site Development Process

Locate the following information using a Site Analysis Plan (a detailed map of the area):

- 1. Review the General Management Plan (GMP).
- 2. Establish boundaries of the site.
- 3. Make a topographic survey with appropriate contour levels identified for detailed study (usually a minimum of 2 or 3-meter intervals).
- 4. Locate significant site features: trees, marshes, streams, lakes, ponds, hills, existing structures, archaeological sites.
- 5. Obtain aerial photographs to confirm survey information.
- 6. Identify seasonal high water marks.
- 7. Investigate approval requirements by local & national agencies.
- 8. Identify potential sustainable power sources on or near the site.
- 9. Identify potential water supplies on or near the site. What will be the impact of withdrawing that water from its normal flow/location?
- 10. Investigate soil conditions and bearing capacities for building.
- 11. Observe prevailing winds and weather patterns as they affect the site in all seasons.
- 12. Investigate current and planned uses of adjacent properties.
- 13. Investigate site history if it has been previously used/occupied by humans.
- 14. Study local building techniques.
- 15. Identify sources of building materials and methods of transport to the site.
- 16. Evaluate the relationship of the site to local communities, their use of it in the past and their interest in participating in its future operation.

From: Drumm, Andy. Alan Moore, Andrew Sales, Carol Patterson, and John E. Terborgh. Ecotourism Development: A Manual for Conservation Planners and Managers. Volume II. The Business of Ecotourism Development and Management. The Nature Conservancy, Arlington, Virginia, USA, 2004.